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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of
JOONA AIRAMO

Group Art Unit: 2132

Appln. No.: 10/689,549

Examiner: HOMAYOUNMEHR

Filed: October 21, 2003

Title: DETECTING AND BLOCKING MALICIOUS CONNECTIONS

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RESPONSE

Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated March 21, 2007, Applicant requests reconsideration of the pending claims based on the following remarks. Claims 1-15 are pending.

Claims 1, 6, 8, 13 and 14 were rejected under 35 U.S.C. 102(b) as being anticipated by Jain et al. (U.S. 2003/0131116; hereafter "Jain") and claims 2-5, 7, 9-12 and 15 were rejected under 35 U.S.C. 103(a) as being unpatentable over Jain and Hall (U.S. 2004/0054928). Applicant traverses the prior art rejections because the cited prior art, analyzed individually or in combination, fails to teach or suggest all the features recited in the rejected claims.

CITED PRIOR ART FAILS TO TEACH OR SUGGEST ALL FEATURES

For example, the cited prior art fails to teach or suggest the claimed method (independent claim 1), computer readable storage medium (independent claims 8 and 13), device (independent claims 6 and 14), wherein malicious related connections are detected and blocked by examining relationships between a port negotiated for a related connection and the associated control connection, and by deciding on the basis of this relationship, whether the related connections shall be allowed.

Further, the cited prior art fails to teach or suggest the claimed invention embodiments wherein a port of a device is opened within a predefined time window in relation to noticing